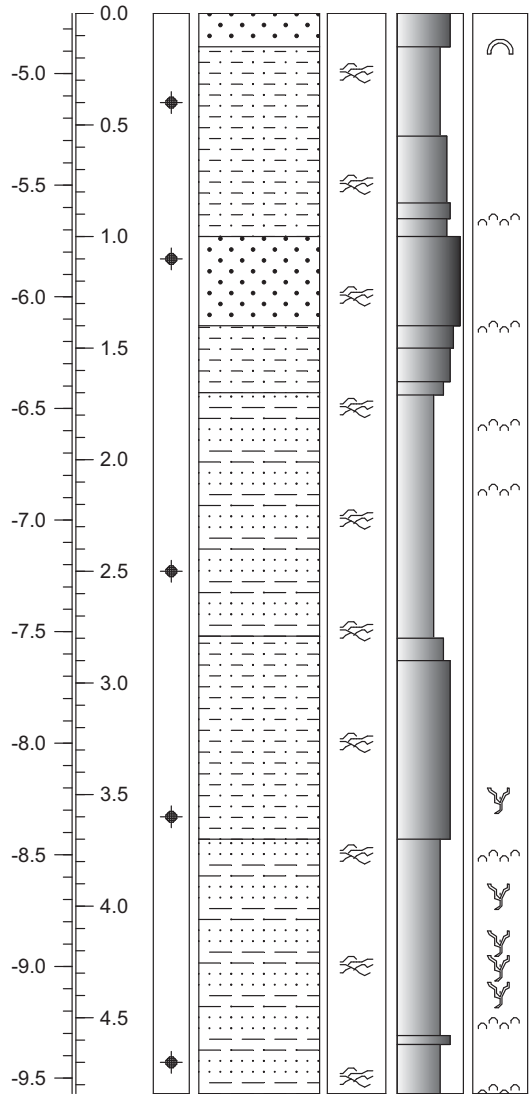




CORE ID: 10CCT05-48

LOCATION: Mississippi Sound, North of Horn Is.  
LATITUDE: 30.25893 LONGITUDE: -88.70407  
DATE CORED: 9/28/10 WATER DEPTH (m): 4.73  
CORE LENGTH (m): 4.84



0 - 0.15 m: SAND, very dark gray, well-sorted, fine-grained quartz sand, with moderate disseminated shell hash, and a large, fragmented bivalve at basal contact

0.15 - 1.00 m: MUDDY SAND, olive-gray grading into light olive-gray down core as mud content decreases, moderate shell hash, interbedded horizons of muddy sand and clean, poorly-sorted sand, with abundant shell hash from 0.80 to 1.00 m

1.00 - 1.40 m: SAND, clean, light brown, moderately-sorted, fine-to medium-grained sand, with occasional very small, olive-gray, muddy sand lenses, moderately bioturbated, moderate disseminated shell hash with locally heavy shell hash clusters, basal contact marked by a large, fragmented bivalve, small organic clast at 1.13 m

1.40 - 1.70 m: MUDDY SAND, light grayish-brown, grading into olive-gray as mud/clay content increases down core, heavy bioturbation with only sparse disseminated shell hash, thin, concave organic horizon at 1.58 m that exhibits deformation from coring

1.70 - 2.79 m: MUDDY SAND and CLAY, olive-gray, lenticularly bedded, thin clay and muddy sand interbeds, sparse disseminated shell hash, with localized dense shell hash clusters, sand content increases down core

2.79 - 3.70 m: MUDDY SAND, light olive-gray and brownish-gray, bioturbated, muddy sand, with moderate disseminated shell hash, mud content increases slightly down core

3.70 - 4.84 m: MUDDY SAND and CLAY, olive-gray muddy sand with thin, olive-gray clay horizons, clay content increases down core, moderate disseminated shell hash, small woody organic flecks throughout, with a cleaner, very shelly, well-sorted, fine-grained sand layer from 4.59 to 4.62 m

